

Pratt Institute: Power Generating Plant
Willoughby Ave. Between Classon and Hall Sts.
Brooklyn
Kings County
New York

HAER No. NY-70

HAER
NY
24-1500,
52A-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record
National Park Service
Department of the Interior
Washington, D.C. 20240

HISTORIC AMERICAN ENGINEERING RECORD

NY-70

PRATT INSTITUTE: POWER GENERATING PLANT

HAER
NY,
24-BROOK,
52A-

Date: 1900

Location: Pratt Institute, Willoughby Ave. between Classon and Hall Sts., Brooklyn, Kings County, New York

Manufacturers: DC Generators; General Electric Company
Horizontal Reciprocating Steam Engines; Ames Iron Works

Owner: Pratt Institute

Significance: The Pratt Institute Power Plant contains three direct current generators built by General Electric that are directly connected with three horizontal reciprocating steam engines manufactured by the Ames Iron Works of Oswego, New York. Though the first power plant at Pratt was built in 1887, the oldest surviving generating units date to 1900. Though these three units have been supplemented with other power sources during the 20th century they were still operational in the 1970's. They are among the oldest surviving steam powered generators in America. A plate on the generators indicates they are of the multipolar type with a speed of 270 RPM. The voltage under no load is 112, under full load is 117. The generators are rated at 641 amps. The plate also indicates that the generators are based at least partially on patents dated Feb. 14, 1888, Oct. 14, 1889 and Nov. 14, 1893.

Prepared for
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